

## EAST Search History

| Ref # | Hits | Search Query   | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 297  | water adj drill  | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2007/12/10 11:21 |
| L2    | 15   | 1 and ice  | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2007/12/10 11:22 |
| L3    | 244  | 1 and pressure   | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2007/12/10 11:23 |
| L4    | 29   | 3 and wash   | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2007/12/10 11:23 |
| L5    | 274  | 1 and (high adj pressure)  | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2007/12/10 11:25 |
| L6    | 85   | 5 and (azimuth\$5 circumfer\$5 radial)   | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2007/12/10 11:26 |
| L7    | 1    | (drill head heated hot water upper axial<br>water lower melt hemispherical azimuthally<br>circumferential annular gap).clm.  | US-PGPUB;<br>USPAT                     | AND              | OFF     | 2007/12/10 11:35 |
| S1    | 1    | "10564016"   | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2007/09/14 08:52 |
| S2    | 1    | ("4885591").PN.  | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2007/09/14 08:52 |
| S3    | 38   | ("0607229"   "2534710"   "2561421"  <br>"2619303"   "2646019"   "3130406"  <br>"3171094"   "3181158"   "3449747"  <br>"3613097"   "3680645"   "3806905"  <br>"3931715"   "3961259"   "4104630"  <br>"4119965"   "4123987"   "4148033"  <br>"4193634"   "4218680"   "4223627"  <br>"4263595"   "4334873"   "4621946"  <br>"4640552").PN. OR ("4885591").URPN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR               | OFF     | 2007/09/14 08:53 |
| S4    | 2063 | ice and drill and heat   | US-PGPUB;<br>USPAT;<br>USOCR           | OR               | OFF     | 2007/09/14 08:53 |
| S5    | 196  | ice same drill same heat   | US-PGPUB;<br>USPAT;<br>USOCR           | OR               | OFF     | 2007/09/14 09:01 |
| S6    | 1    | ("0959280").PN.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/09/14 09:01 |
| S7    | 1    | ("0959280").PN.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2007/09/14 09:01 |
| S8    | 10   | "959280"   | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2007/09/14 09:02 |
| S9    | 3    | "0959280"  | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2007/09/14 09:02 |

## EAST Search History

|     |    |  |  |    |     |                  |
|-----|----|--|--|----|-----|------------------|
| S10 | 8  | "0959280"  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2007/09/14 09:02 |
| S11 | 15 | "959280"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2007/09/14 09:03 |
| S12 | 5  | "1588454"  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2007/09/14 09:04 |
| S13 | 1  | "01588454"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2007/09/14 09:05 |
| S14 | 5  | "1588454"  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2007/09/14 09:06 |
| S15 | 0  | "fr 1588454"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2007/09/14 09:06 |
| S16 | 0  | "fr 001588454"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2007/09/14 09:06 |
| S17 | 0  | "fr1588454"  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2007/09/14 09:06 |
| S18 | 5  | ("1588454").PN.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2007/09/14 09:06 |
| S19 | 19 | ice adj drill  | US-PGPUB;<br>USPAT                     | OR | OFF | 2007/09/14 09:19 |
| S20 | 0  | ("2485123").URPN.  | USPAT                                  | OR | OFF | 2007/09/14 09:29 |
| S21 | 0  | ("2485123").URPN.  | USPAT                                  | OR | OFF | 2007/09/14 09:29 |
| S22 | 3  | ("3025917").URPN.  | USPAT                                  | OR | OFF | 2007/09/14 09:29 |
| S23 | 15 | ("0607229"   "3608317"   "3680645"  <br>"3750412"   "3931715"   "4177748"  <br>"4178872"   "4199273"   "4223627"  <br>"4334873"   "4440242").PN. OR<br>("4621946").URPN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | OFF | 2007/09/14 09:29 |
| S24 | 25 | ("0945209"   "2193219"   "2684669"  <br>"2786652"   "2931187"   "3115194"  <br>"3152651"   "3390729"   "3482640").PN.<br>OR ("3680645").URPN.                            | US-PGPUB;<br>USPAT;<br>USOCR           | OR | OFF | 2007/09/14 09:32 |

## EAST Search History

|     |    |   |                              |    |     |                  |
|-----|----|---|------------------------------|----|-----|------------------|
| S25 | 4  | ("3482640").URPN.   | USPAT                        | OR | OFF | 2007/09/14 09:36 |
| S26 | 16 | ("3007534"   "3680645"   "3866678"   "3999618"   "4043407"   "4193461"   "4271908"   "4640552"   "4679636"   "4885591"   "5078218"   "5168941"   "6047784"   "6059050"   "6296066").PN.<br>OR ("7093673").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/14 09:37 |